

Converting Colors

$Yxy(41.5077, 0.2541, 0.2635)$

Have a look what the booklet for
Yxy(41.5077, 0.2541, 0.2635)
contains.

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Color

Yxy(41.5291, 0.2542, 0.2642)

Conversions

Conversions Part 1

Format	Color
Hex	90AEDF
RGB	144, 174, 223
RGB Percent	56%, 68%, 87%
CMY	0.4352, 0.3176, 0.1256
CMYK	0.35, 0.22, 0.00, 0.13
HSL	217°, 55%, 72%
HSV	217°, 35%, 87%
XYZ	39.9572, 41.5291, 75.7018
YIQ	170.6160, -33.6090, 8.8790

Conversions

Conversions Part 2

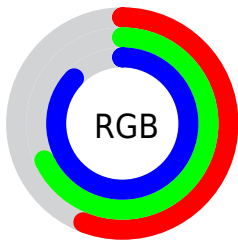
Format	Color
RYB	144, 166, 223
Decimal	9481951
CIELab	70.55, 1.52, -27.96
CIELCh	71, 28.005, 273.115
Yxy	41.5291, 0.2542, 0.2642
Android (android.graphics.Color)	4287672031 (0xFF90AEDF)
YUV	170.6160, 25.8253, -23.3422
Hunter-Lab	64.4431, -2.0984, -24.5383

Details

The Yxy color **41.5291, 0.2542, 0.2642** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **55.8384, 0.3769, 0.3860**, and the grayscale version is **40.4059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5380, 0.2785, 0.3010**, and **18.9199, 0.2372, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **34.6446, 0.2367, 0.2419**, and if you desaturate by 10%, it is **49.3637, 0.2716, 0.2849**.

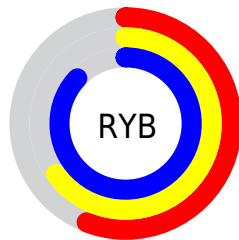
Distribution



Red (56%)

Green (68%)

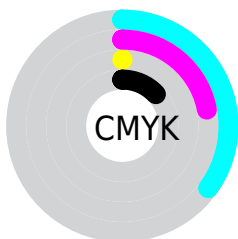
Blue (87%)



Red (56%)

Yellow (65%)

Blue (87%)

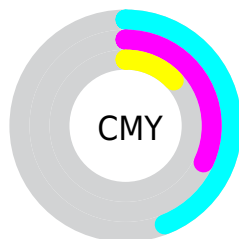


Cyan (35%)

Magenta (22%)

Yellow (0%)

Black (13%)



Cyan (44%)

Magenta (32%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5291, 0.2542, 0.2642 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 41.5291, 0.2542, 0.2642 by changing the saturation by 10% instead.

■ 41.5291, 0.2542,
0.2642

■ 41.5291, 0.2542,
0.2642

352.5271, 0.2834,
0.2964

■ 28.7327, 0.2470,
0.2563

■ 77.4864, 0.2648,
0.2758

■ 18.8787, 0.2378,
0.2463

■ 101.4162, 0.2688,
0.2802

■ 11.5827, 0.2258,
0.2332

129.8259, 0.2721,
0.2839

■ 6.4602, 0.2094,
0.2154

163.0999, 0.2750,
0.2871

■ 3.1269, 0.1862,
0.1903

201.6227, 0.2776,
0.2899

■ 1.1983, 0.1512,
0.1529

245.7785, 0.2798,

■ 0.0603, 0.0362,

0.2924

0.0231

295.9519, 0.2817,
0.2945

0.0000, 0.0000,
0.0000

41.5291, 0.2542,
0.2642

41.5291, 0.2542,
0.2642

34.6446, 0.2367,
0.2419

49.3637, 0.2716,
0.2849

28.6654, 0.2196,
0.2183

58.1809, 0.2885,
0.3037

23.5497, 0.2037,
0.1942

68.0177, 0.3045,
0.3207

19.2501, 0.1896,
0.1703

78.9072, 0.3195,
0.3357

15.7130, 0.1781,
0.1475

90.7834, 0.3330,
0.3489

■ 12.8762, 0.1694,
0.1269

■ 98.1062, 0.3316,
0.3602

■ 11.7689, 0.1662,
0.1183

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.5291, 0.2388, 0.2786



41.5291, 0.2542, 0.2642



41.5291, 0.2852, 0.2660

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.5291, 0.2542, 0.2642



41.5291, 0.3897, 0.3415



41.5291, 0.2962, 0.3837

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.5291, 0.2542, 0.2642



55.8384, 0.3769, 0.3860

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.5291, 0.3366, 0.4016



41.5291, 0.2542, 0.2642



41.5291, 0.3922, 0.3733

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.5291, 0.2542, 0.2642



41.5291, 0.3648, 0.3090



41.5291, 0.3721, 0.3963



41.5291, 0.2617, 0.3478

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.5291, 0.2542, 0.2642



41.5291, 0.3117, 0.2753



41.5291, 0.3721, 0.3963



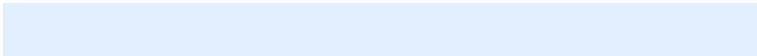
41.5291, 0.3095, 0.3921

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.5307, 0.2542, 0.2642



84.4589, 0.2955, 0.3113



62.5300, 0.2795, 0.3681



17.6934, 0.2933, 0.3090



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.5307, 0.2542, 0.2642



49.7135, 0.2421, 0.2489



32.0773, 0.2558, 0.2249



14.0919, 0.2981, 0.3141



7.1234, 0.1670, 0.1210



0.6627, 0.1756, 0.1519

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.6951, 0.3647, 0.2938



46.0636, 0.3796, 0.2868



69.0356, 0.3587, 0.4191



13.7862, 0.3233, 0.3201



9.6271, 0.5452, 0.2777



0.6844, 0.5034, 0.2547

Previews

White Background



This preview shows how the Yxy color 41.5291, 0.2542, 0.2642 looks on a white background.

Color Contrast Check

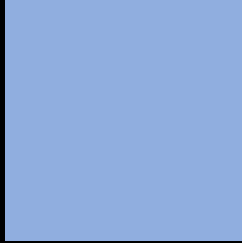
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.5291, 0.2542, 0.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

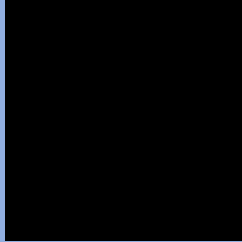
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

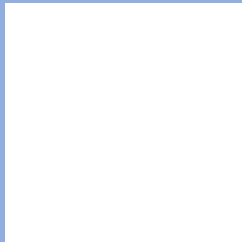
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5291, 0.2542, 0.2642

Background



This preview shows how black text looks on a background with the Yxy color 41.5291, 0.2542, 0.2642.



This preview shows how white text looks on a background with the Yxy color 41.5291, 0.2542, 0.2642.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.5291, 0.2542, 0.2642

Protanopia

41.2877, 0.2660, 0.2640

Deuteranopia

41.3348, 0.2647, 0.2584



Tritanopia

41.4536, 0.2684, 0.3076

Trichromacy



Original Color

41.5291, 0.2542, 0.2642

Protanomaly

41.2163, 0.2618, 0.2636

Deuteranomaly

41.4762, 0.2607, 0.2603

Tritanomaly

41.4275, 0.2631, 0.2902

Monochromacy



Original Color

41.5291, 0.2542, 0.2642

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.7998, 0.2889, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5291, 0.2542, 0.2642 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(144, 174, 223)` looks like.

```
.text, #text, p{  
    color:rgb(144, 174, 223)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(144, 174, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 174, 223) }
```

Border

The CSS property to change the border of an element to Yxy 41.5291, 0.2542, 0.2642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 174, 223) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(144, 174, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(144, 174, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 174, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 174, 223);  
box-shadow:4px 4px 4px 4px rgb(144, 174,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5291, 0.2542, 0.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 174, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(144,  
174, 223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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